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# FARM FACTS

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## Another Excellent Wheat Crop Expected in Tennessee

Based on a May 1 survey conducted by the Tennessee Agricultural Statistics Service, Tennessee's winter wheat producers are anticipating above average yields for the third straight year. The average State yield is forecast at 55 bushels per acre, the same yield as last year, and the second highest yield on record. Wheat yields averaged only 42 bushels per acre for the 1990 through 1998 period. If realized, this will result in total production of 19.3 million bushels, down 8 percent from 2000. As of May 1, 79 percent of the State's acreage was rated in good-to-excellent condition, with no major problems with disease or insects reported. The crop received adequate

moisture during March and most growers had completed their fertilizer applications by the first of April. Cool, wet weather earlier in the year hampered overall crop development, but sunshine and warmer temperatures during April lead to a steady improvement. During the second week of May, the majority of the crop had headed and harvest is expected to begin on schedule around the middle of June. Producers are currently evaluating and spraying for armyworms. Tennessee growers seeded a total of 520,000 acres last fall and intend to harvest 350,000 acres for grain, down 30,000 acres from last year. Less than ideal planting conditions last fall and normal crop rotations were the main reasons for the drop in acreage. The remaining 170,000 acres will be used as a cover crop or cut for hay and silage.

**U.S. Winter Wheat:** Winter wheat production is forecast at 1.34 billion bushels, down 14 percent from 2000 to the lowest level since 1978. All classes of winter wheat are down from the previous year. Based on May 1 conditions, the U.S. yield is forecast at 41.8 bushels per acre, 2.8 bushels less than last year. Grain area totals 32.1 million acres, down 8 percent from last season.

**Tennessee Hay Stocks:** Stocks of all hay on Tennessee farms totaled 804,000 tons on May 1, 2001, the highest amount on hand since 1989. Record hay production in 2000 and mild conditions during the latter part of winter led to the increased carryover. Disappearance of hay from December 1, 2000, to April 30, 2001, totaled 2.60 million tons, 27 percent more than the 1999 crop disappearance of 2.05 million tons for the same period. An increase in the State's cattle herd and a late summer drought, which forced many livestock producers to start feeding hay earlier than normal, were the main reasons for the increased usage.

**Winter Wheat: Tennessee, Surrounding States, and U.S., May 1, 2001 with Comparisons <sup>1</sup>**

State	Acreage Harvested		Yield Per Acre		Production	
	2000	2001	2000	2001	2000	2001
	1,000 Acres		Bushels		1,000 Bushels	
Arkansas	1,100	1,040	54.0	53.0	59,400	55,120
Georgia	200	220	54.0	48.0	10,800	10,560
Kentucky	420	340	57.0	58.0	23,940	19,720
Mississippi	235	170	55.0	48.0	12,925	8,160
Missouri	950	780	52.0	50.0	49,400	39,000
North Carolina	550	550	50.0	45.0	27,500	24,750
<b>TENNESSEE</b>	<b>380</b>	<b>350</b>	<b>55.0</b>	<b>55.0</b>	<b>20,900</b>	<b>19,250</b>
Virginia	205	175	63.0	62.0	12,915	10,850
United States	35,022	32,088	44.6	41.8	1,562,733	1,341,381

<sup>1</sup> 2001 forecast, 2000 final.

## 2000 Tobacco Crop Takes Advantage of Timely Rains

Tobacco grown in the major producing regions of Tennessee during 2000 received just enough timely rainfall to ensure better than average yields. Typical problems with black shank and blue mold occurred, but dry summer weather kept diseases under control with only the lower leaves affected in many cases. Dry conditions during October made stripping difficult, but growers managed their crops well and very few producers reported any major problems. Due to the reduction in quota, burley declined 18,000 acres from 1999 to 37,000 acres harvested. Growers averaged 1,920 pounds per acre, compared to 1,890 pounds in 1999. This led to a total production of 71.0 million pounds, 32 percent below the year earlier. Tennessee's dark-fired tobacco yields are estimated at a record 2,760 pounds for Type 22, Eastern Dark-Fired, and a 3,125 pounds for Type 23, Western Dark-Fired. Type 35, Dark Air-Cured, set a new State yield record at 2,450 pounds per acre in 2000. The marketing year average price for all tobacco also set a record at \$2.014 per pound, 3 percent greater than 1999.

### All Tobacco: Acreage, Yield, Production, and Value, Tennessee, 1991-2000

Crop Year	Acreage Harvested	Yield Per Acre	Production	Marketing Year Average	Value of Production
		Pounds	1,000 Pounds	Dollars Per Pound	1,000 Dollars
1991	61,730	1,969	121,524	1.834	222,837
1992	72,200	2,030	146,556	1.848	270,869
1993	69,940	1,993	139,423	1.857	258,861
1994	60,350	2,192	132,289	1.878	248,415
1995	51,690	1,797	92,907	1.912	177,667
1996	54,560	2,014	109,888	1.982	217,837
1997	59,480	1,922	114,292	1.952	223,092
1998	59,415	1,870	111,100	1.963	218,097
1999	63,170	1,941	122,601	1.955	239,651
2000	46,020	2,085	95,958	2.014	193,288

## 2000 Cotton Production Up 19 Percent

Tennessee cotton producers harvested the same amount of acreage as in 1999, but much better yields in 2000 led to a 19 percent increase in total production. Growers averaged 603 pounds of lint per acre, up 98 pounds from 1999. Total production from the 565,000 harvested acres was 710,000 bales, the highest production in the State since 1995. Most growers were able to get their crop planted on time during 2000, despite some wet field conditions early on. Insect pressure remained in-check all year, and the crop had good growing conditions throughout much of the spring and early summer. The hot, dry conditions of August adversely impacted the crop, but damage was not as severe as 1999. Tennessee produced 289,000 tons of cottonseed during 2000, 30 percent more than 1999.

### Cotton: Acreage, Yield, Production, and Ginnings, Tennessee, 1991-2000

Crop Year	Acreage		Yield Per Acre	Production		Ginnings <sup>2</sup>
	Planted	Harvested		Lint <sup>1</sup>	Seed	
	1,000 Acres		Pounds Lint	1,000 bales	1,000 Tons	1,000 Bales
1991	620	610	552	701	277	700.0
1992	625	615	651	834	332	826.0
1993	625	615	425	545	216	536.1
1994	590	585	726	885	348	878.9
1995	700	660	527	724	292	724.0
1996	540	530	611	675	262	677.4
1997	490	480	662	662	260	660.6
1998	450	445	589	546	205	543.4
1999	570	565	505	595	223	590.5
2000	570	565	603	710	289	708.5

<sup>1</sup> Production in 480 pound net weight bales. <sup>2</sup> Equivalent 480 pound net weight bales, not adjusted for cross-state movement.

**Tobacco: Acreage, Yield, and Production, by County, 1999 and 2000**

District and County	Acreage Harvested		Yield <sup>1</sup> Pounds per Acre		Production 1,000 Pounds		District and County	Acreage Harvested		Yield <sup>1</sup> Pounds per Acre		Production 1,000 Pounds	
	1999	2000	1999	2000	1999	2000		1999	2000	1999	2000	1999	2000
<b>Eastern Dark-Fired (Type 22)</b>							<b>Burley (Type 31) cont.</b>						
Cheatham	650	690	2,260	2,760	1,470	1,905	Marshall	270	180	1,555	1,720	420	310
Dickson	660	695	1,910	2,445	1,260	1,700	Maury	760	450	1,765	1,890	1,340	850
Houston	75	85	2,335	2,645	175	225	Moore	110	80	1,500	1,800	165	144
Montgomery	1,940	2,160	2,165	2,740	4,200	5,920	Smith	1,600	1,200	1,720	1,915	2,750	2,300
Robertson	3,100	3,400	2,520	2,875	7,812	9,770	Sumner	2,600	1,800	1,835	1,890	4,770	3,400
Stewart	490	570	1,795	2,675	880	1,525	Trousdale	1,300	900	1,725	1,890	2,240	1,700
Sumner	63	75	2,065	2,095	130	157	Williamson	550	400	1,890	1,800	1,040	720
Other <sup>2</sup>	22	25	1,500	2,000	33	50	Wilson	465	340	1,720	1,910	800	650
State	7,000	7,700	2,280	2,760	15,960	21,252	Other <sup>2</sup>	85	60	1,645	1,935	140	116
<b>Western Dark-Fired (Type 23)</b>							District 40	15,420	11,800	1,745	1,870	26,930	22,070
Henry	465	530	2,475	3,170	1,150	1,680	Cumberland	105	70	1,475	1,785	155	125
Weakley	100	102	2,650	2,930	265	299	Fentress	380	285	1,830	1,790	695	510
Other <sup>2</sup>	5	8	2,000	2,625	10	21	Franklin	120	80	1,500	1,875	180	150
State	570	640	2,500	3,125	1,425	2,000	Morgan	130	120	1,155	1,735	150	208
<b>Dark Air-Cured (Type 35)</b>							Overton	720	450	1,805	1,935	1,300	870
Weakley	20	26	2,400	3,845	48	100	Pickett	1,350	900	1,970	1,890	2,660	1,700
Montgomery	23	27	2,260	2,630	52	71	Putnam	630	405	1,645	1,975	1,035	800
Robertson	400	435	2,215	2,565	885	1,115	Warren	220	150	1,705	1,800	375	270
Sumner	127	150	1,805	1,895	229	284	White	730	450	1,550	1,820	1,130	820
Other <sup>2</sup>	30	42	1,735	2,285	52	96	Other <sup>2</sup>	75	45	1,465	2,045	110	92
State	600	680	2,110	2,450	1,266	1,666	District 50	4,460	2,955	1,745	1,875	7,790	5,545
<b>Burley (Type 31)</b>							Anderson	80	50	1,500	1,760	120	88
District 10 <sup>3</sup>	90	60	1,220	1,665	110	100	Blount	310	230	1,805	1,955	560	450
Henry	730	500	1,590	1,900	1,160	950	Bradley	90	100	1,555	1,950	140	195
Weakley	355	150	1,790	1,880	635	282	Campbell	345	240	1,795	1,915	620	460
Other <sup>2</sup>	5	5	1,000	1,600	5	8	Carter	480	300	1,950	1,865	935	560
District 20	1,090	655	1,650	1,895	1,800	1,240	Claiborne	3,200	2,000	2,095	1,950	6,700	3,900
Cheatham	310	165	1,740	2,120	540	350	Cocke	1,250	800	1,780	1,750	2,225	1,400
Dickson	250	160	1,720	1,625	430	260	Grainger	1,950	1,250	1,935	1,950	3,770	2,440
Hickman	120	120	1,835	1,710	220	205	Greene	5,300	3,300	2,045	1,945	10,840	6,420
Houston	100	65	1,790	2,060	179	134	Hamblen	610	420	1,910	1,810	1,165	760
Lawrence	210	170	2,310	2,000	485	340	Hancock	1,450	800	1,935	1,975	2,805	1,580
Montgomery	1,900	1,200	1,895	2,000	3,605	2,400	Hawkins	2,750	1,850	2,175	2,025	5,985	3,750
Robertson	2,870	1,700	2,120	2,120	6,080	3,600	Jefferson	1,250	700	1,760	1,855	2,200	1,300
Stewart	380	270	1,765	1,980	670	535	Johnson	1,150	700	2,115	1,855	2,430	1,300
Other <sup>2</sup>	50	30	1,620	1,700	81	51	Knox	150	120	1,635	1,750	245	210
District 30	6,190	3,880	1,985	2,030	12,290	7,875	Loudon	360	200	1,665	1,750	600	350
Bedford	145	100	1,345	1,800	195	180	McMinn	650	450	1,890	2,000	1,230	900
Cannon	220	210	1,840	2,050	405	430	Meigs	190	120	1,605	1,750	305	210
Clay	1,050	650	1,880	1,890	1,975	1,230	Monroe	760	560	1,855	1,855	1,410	1,040
DeKalb	600	450	1,560	1,710	935	770	Roane	95	80	1,580	1,840	150	147
Giles	165	130	1,515	1,615	250	210	Sevier	430	300	1,815	1,950	780	585
Jackson	660	450	1,850	1,910	1,220	860	Sullivan	1,050	700	2,050	1,855	2,150	1,300
Lincoln	540	400	1,640	1,800	885	720	Unicoi	140	80	1,820	1,875	255	150
Macon	4,300	4,000	1,720	1,870	7,400	7,480	Union	660	400	1,850	2,000	1,220	800
							Washington	3,000	1,850	2,035	2,065	6,100	3,820
							Other <sup>2</sup>	50	50	1,800	1,900	90	95
							District 60	27,750	17,650	1,985	1,940	55,030	34,210
							<b>State Total</b>	55,000	37,000	1,890	1,920	103,950	71,040
							<b>All Tobacco</b>	63,170	46,020	1,941	2,085	122,601	95,958

<sup>1</sup> Yield derived to nearest 5 pounds.

<sup>2</sup> Combined to avoid disclosing individual farm operations.

<sup>3</sup> No individual counties published.

**Cotton: Acreage, Yield, and Production, by County, 1999 and 2000**

District & County	Acreage Planted		Acreage Harvested		Yield per Harvested Acre		Production 480 Lbs. Net Wt.	
	1999	2000	1999	2000	1999	2000	1999	2000
	Acres				Pounds		Bales	
Dyer	39,000	37,000	38,500	36,500	474	565	38,000	43,000
Lake	13,000	11,500	13,000	11,000	517	698	14,000	16,000
Lauderdale	52,000	53,000	51,500	52,500	503	603	54,000	66,000
Obion	5,500	4,500	5,500	4,500	480	640	5,500	6,000
Shelby	20,500	23,000	20,500	23,000	527	543	22,500	26,000
Tipton	58,000	65,000	57,000	64,500	556	618	66,000	83,000
District 10	188,000	194,000	186,000	192,000	516	600	200,000	240,000
Carroll	12,000	11,400	12,000	11,000	540	829	13,500	19,000
Chester	2,100	1,500	2,100	1,500	480	608	2,100	1,900
Crockett	88,000	81,000	87,000	80,000	474	588	86,000	98,000
Fayette	44,000	49,000	43,500	48,500	530	594	48,000	60,000
Gibson	39,000	32,000	38,500	32,000	474	600	38,000	40,000
Hardeman	12,500	16,300	12,500	16,200	557	593	14,500	20,000
Hardin	2,600	1,500	2,600	1,500	443	544	2,400	1,700
Haywood	120,000	121,000	119,000	120,000	480	552	119,000	138,000
Henderson	2,500	2,700	2,500	2,700	461	747	2,400	4,200
McNairy	1,300	1,000	1,300	1,000	443	624	1,200	1,300
Madison	42,000	40,000	42,000	40,000	537	708	47,000	59,000
Weakley	700	<sup>2</sup>	700	<sup>2</sup>	411	<sup>2</sup>	600	<sup>2</sup>
Other <sup>1</sup>	300	600	300	600	480	720	300	900
District 20	367,000	358,000	364,000	355,000	495	600	375,000	444,000
Giles	1,800	2,200	1,800	2,200	640	611	2,400	2,800
Lincoln	5,800	8,000	5,800	8,000	679	678	8,200	11,300
Rutherford	2,400	3,100	2,400	3,100	540	650	2,700	4,200
Other <sup>1 3</sup>	300	300	300	300	480	640	300	400
District 40	10,300	13,600	10,300	13,600	634	660	13,600	18,700
Franklin	4,500	4,200	4,500	4,200	661	800	6,200	7,000
Other <sup>1</sup>	200	200	200	200	480	720	200	300
District 50	4,700	4,400	4,700	4,400	654	796	6,400	7,300
State	570,000	570,000	565,000	565,000	505	603	595,000	710,000

<sup>1</sup> Unlisted counties combined with "Other" counties.

<sup>2</sup> Less than 500 acres harvested, combined with "Other" counties.

<sup>3</sup> Includes District 30 where no individual counties are published.

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